

Converting Colors

Decimal(13136858)

Have a look what the booklet for
Decimal(13136858) contains.

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Color

Decimal(13136858)

Conversions

Conversions Part 1

Format	Color
Hex	C873DA
RGB	200, 115, 218
RGB Percent	78%, 45%, 85%
CMY	0.2157, 0.5490, 0.1451
CMYK	0.08, 0.47, 0.00, 0.15
HSL	290°, 58%, 65%
HSV	290°, 47%, 85%
XYZ	42.6050, 29.6028, 69.7980
YIQ	152.1570, 17.5970, 50.0530

Conversions

Conversions Part 2

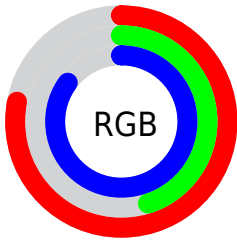
Format	Color
RYB	200, 115, 218
Decimal	13136858
CIELab	61.31, 49.43, -39.15
CIELCh	61, 63.055, 321.614
Yxy	29.6028, 0.3000, 0.2085
Android (android.graphics.Color)	4291326938 (0xFFC873DA)
YUV	152.1570, 32.4606, 41.9583
Hunter-Lab	54.4084, 44.5613, -37.9745

Details

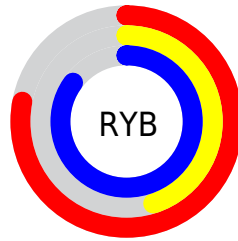
The Decimal color **13136858** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8772211**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **16755199**, and **9453475** is the 20% darker color. If you saturate the color by 10%, you get **12869082**, and if you desaturate by 10%, it is **13404634**.

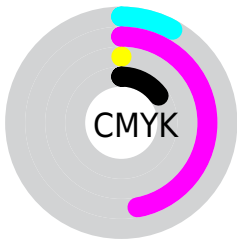
Distribution



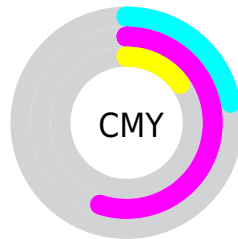
- Red (78%)
- Green (45%)
- Blue (85%)



- Red (78%)
- Yellow (45%)
- Blue (85%)



- Cyan (8%)
- Magenta (47%)
- Yellow (0%)
- Black (15%)




- Cyan (22%)
- Magenta (55%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13136858 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 13136858 by changing the saturation by 10% instead.

 13136858

 13136858

16777215

 11295166

 16755199

 9453475

 16762367

 7677064

 16769791

 5898606

 4194389


 2687038

 39

 272

 0

 13136858

 13136858

 12869082

 13404634

 12601306

 13672410

 12399322


 13874394

 12131546

 14142170


 11863770

 14409946

 11796698

 14677722

 14942170

 15138778

 15400922

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7769340



13136858



15753126

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13136858



12422166



44732

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



13136858



8772211

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44418



13136858



9018653

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13136858



14972221



4237386



43755

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13136858



16342657



4237386



44713

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



13136858



16374783



7571162



8153728



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13136858



15101695



14316473



7103342



9371821



2490414

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14316421



16739975



7592596



7234405



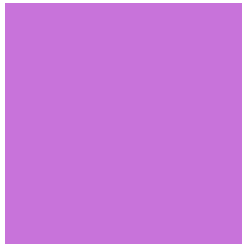
11337758



3014664

Previews

White Background



This preview shows how the Decimal color 13136858 looks on a white background.

Color Contrast Check

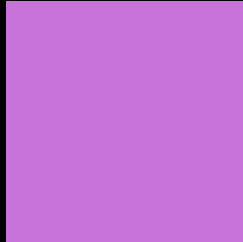
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 13136858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 13136858 Background



This preview shows how black text looks on a background with the Decimal color 13136858.



This preview shows how white text looks on a background with the Decimal color 13136858.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
12486031

Trichromacy



Original Color
13136858



Protanomaly
9340651



Deuteranomaly
9996246



Tritanomaly
12746410

Monochromacy



Original Color
13136858



Achromatopsia
10000536



Achromatomaly
11111344

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13136858 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C873DA looks like.

```
.text, #text, p{  
  color:#C873DA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C873DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C873DA
}
```

Border

The CSS property to change the border of an element to Decimal 13136858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

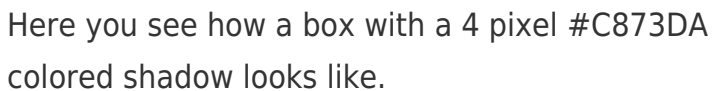
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C873DA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C873DA }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `#C873DA` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C873DA; -webkit-box-shadow:4px 4px  
4px 4px #C873DA; box-shadow:4px 4px 4px  
4px #C873DA }
```

Background

The CSS property to change the background color of an element to Decimal 13136858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C873DA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C873DA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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